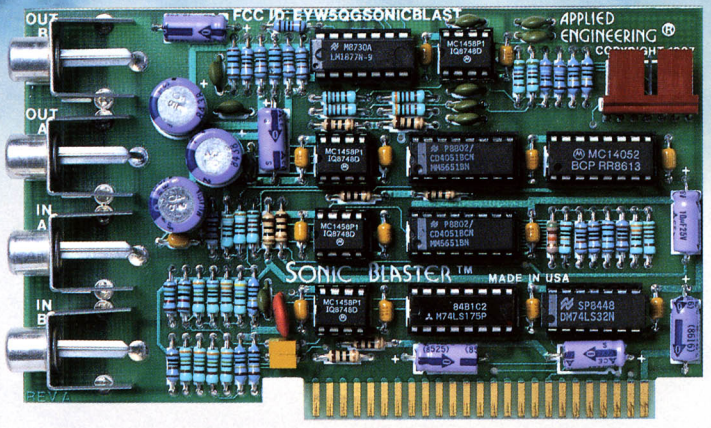
Applied Engineering
breaks the
IIGS sound barrier...

...and reaches the limits of



Sonic Blaster™

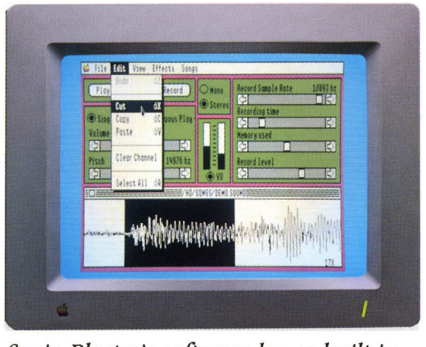
Every Apple IIGS comes with a built-in Ensonic digital-oscillator sound chip. This is the same chip used by professional musicians and studios to compose, synthesize and analyze. It gives your IIGS incredible sound potential.

The Sonic Blaster™, Applied Engineering's full-featured stereo digitizer, records, amplifies and plays back in full stereo. You can record sounds from your home stereo, CD player, television or VCR and alter them with a full range of easy-to-use editing functions.

Get the most from games and music programs with your Apple IIGS's built-in Ensonic capabilities and Applied Engineering's Sonic Blaster.

Stereo Recording

The Sonic Blaster features simultaneous left and right channel recording.



Sonic Blaster's software has a built-in oscilloscope to "show" you the sound.

A built-in oscilloscope helps you set input levels before recording to prevent "clipping" the signal. Or use the oscilloscope to visually analyze the inputted data without recording.

Once the data is recorded and digitized, it can be presented in a graphical format. You can actually zoom in to "see" what the sound looks like. And the zoom can be used in conjunction with the editing features to precisely manipulate any sound.

Sonic Blaster includes stereo VU meters so you can manually set the gain for optimum recording quality. The oscilloscope can also be used to manually set the gain, or the computer itself can determine the gain with our built-in Auto Gain feature.

Adjust the record sampling rate to optimize between fidelity and available memory. The higher the sampling rate, the more memory required and the higher the fidelity. A slower sampling rate extends the available memory for less-critical sounds.

Impressive Editing Functions

The Sonic Blaster gives you a new world of sound editing capabilities. Edit recorded sounds with familiar, Mac-like, pull down menus and a host of functions like cut, paste, copy, amplify, reverse, fade in, fade out, echo. All with lightning fast response.

Sonic Blaster comes complete with powerful software we've designed to be easy to use. Pull down menus control all functions. Crisp, Super Hi-Res graphics make Sonic Blaster a delight for the eyes as well as the ears. Even choose your own screen colors and backgrounds to match the tunes you create.

Stereo Playback

The Sonic Blaster's playback function gives you control over volume and playback rate. To reproduce sounds as they were recorded, match the playback rate with the sampling rate used when recording. Or try a faster or slower rate to create unusual effects.

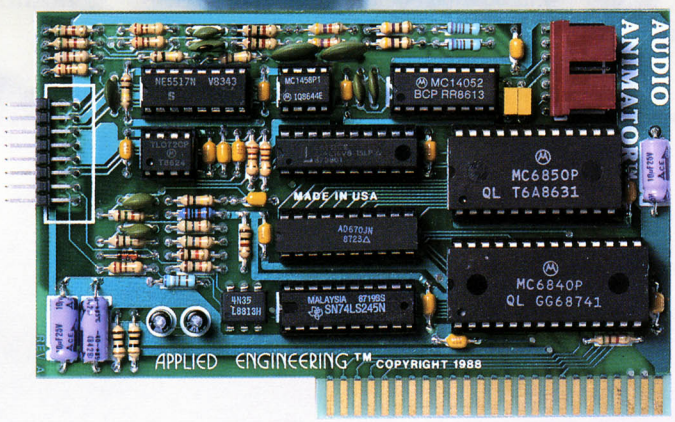
Sonic Blaster boosts the impact of all IIGS programs using the Ensonic capability. Most IIGS games and programs such as The Music Studio, Instant Music and The Music Construction Set come to life!

Sonic Blaster's built-in amplifier greatly enhances the IIGS's sound output. Use a variety of speaker configurations with your Sonic Blaster, including BOSE amplified speakers or unamplified standard speakers. Even connect your computer to your home stereo system.

Sonic Blaster.....$129

SCAN BY BRIAN WISER

f your IIGS's sound potential



Audio Animator™

Applied Engineering's new Audio Animator™ is a true MIDI divice, stereo digitizer and stereo playback machine... combined! Audio Animator transforms your Apple IIGS from a beep box into a boom box.

Applied Engineering put most of the Sonic Blaster's great features into our new Audio Animator, plus a few twists...like controlling MIDI compatible instruments and creating your own keyboard on the screen.

Recording

Audio Animator is able to record left and right channels separately, allowing you to mix sounds. Record music on one channel and your own voice on the other.

Audio Animator records sounds from your own stereo, CD player, television or VCR, even a microphone! The built-in oscilloscope lets you control recording levels visually and analyze inputted data.

Applied Engineering's software is included and features Super Hi-Res graphics and pull down menus.

The zoom function permits you to "see" what your recorded sounds look like in a graphical format. Use the zoom function along with editing functions to make minute changes in the sound.

Sampling rates are fully adjustable. As with Sonic Blaster, you determine the optimal balance between desired fidelity and available memory.

Audio Animator has a dedicated Analog to Digital converter to sample at an extremely fast rate, and with sound quality near that of a compact disk. Far higher levels of fidelity are obtainable through our converter than are possible with the IIGS's Ensonic chip alone.

Stereo Playback

Audio Animator's built-in amplifier, like that of the Sonic Blaster, greatly enhances the IIGS's inherent sound capability. The Audio Animator also accepts various speaker configurations, including amplified, unamplified or a direct LINE IN on your home stereo.

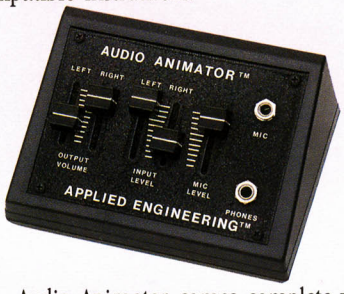
Audio Animator boosts all IIGS Ensonic programs including The Music Studio, Instant Music, The Music Construction Set and a host of new games. The Animator also has an adjustable playback rate for matching the recording rate or creating special effects.

Instrument Palette

Cut sounds directly from the sampler and paste them to the instrument palette. Then play the sounds on your IIGS with a simulated keyboard on the screen. The palette even lets you modify the envelope of waveforms to customize the sounds.

Midi Interface

The Audio Animator includes input/output for MIDI (Musical Instrument Digital Interface) devices. Play and record melodies on a MIDI instrument, edit them and play them back through any MIDI compatible instrument.



Audio Animator comes complete with an external connector box to allow easy access to volume, record level and microphone controls. Connect a drum machine, keyboard, stereo, CD player, even another computer...all without disturbing the IIGS. Connections include MIDI in, MIDI out and MIDI thru.

Continued on back . . .

SCAN BY BRIAN WIGER

Coupled with a MIDI compatible keyboard, like Casio's new HT-700 (not included), the Audio Animator identifies individual keys and plays them through the IIGS.

The high-speed serial link transmits at 31,250 bits per second, allowing you to work with several MIDI instruments at once. In fact, Audio Animator with it's MIDI interface lets you daisy chain up to sixteen machines!

Audio Animator is fully compatible with Passport and other fine MIDI software. The powerful software we include is mouse-driven and presents you with both pull-down menus and SUPER HI-RES graphics. Custom icons and bright colors make Audio Animator almost as much fun to see as it is to hear. Even choose your own screen colors. Some of the icon-driven selections include an optional on-screen help menu, simulated keyboard, play, stop, pause, fast forward, rewind, fast rewind, wait, repeat, oscilloscope, VU meter and many, many more.

Audio Animator..... $239

System requirements: Sonic Blaster — 512K minimum; Audio Animator — 1 Meg. minimum.
Prices subject to change without notice. Brands and product names are registered trademarks of their respective holders.

To order or for more information, see your dealer or call (214) 241-6060 today, 9 am to 11 pm, 7 days. Or send check or money order to Applied Engineering. MasterCard, VISA and C.O.D. welcome. Texas residents add 7% sales tax. Add $10 outside U.S.A.

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BRIAN WISER

AE APPLIED ENGINEERING™

A Division of AE Research Corporation

The Apple enhancement experts.

(214) 241-6060

P.O. Box 5100, Carrollton, TX 75011